ADVANCED CISCO ROUTER CONFIGURATION
TWO DAYS

Description

This course is intended to provide the student with a fundamental understanding of IP operation and management using RIP, OSPF, Configuring Scalable Routing Protocols, using VLSM's, and implementing non-routed services.

Topics

- Overview of Scalable Networks
- Introduction to Managing Traffic and Access
- Managing IP Traffic: techniques, configuring Access lists, restricting Virtual Terminal Access, using alternatives to Access lists
- IP LAB exercises
- Managing IPX Traffic: IPX overview, IPX Traffic filtering, configuring IPX Networks with IP Tunnels
- IPX lab exercises
- Configuring Scalable Routing Protocols
- Configuring OSPF into a single area
- OSPF laboratory exercises
- Interior Gateway Protocols
- Bridging overview
- Bridging lab exercises

Audience

This course is designed for network administrators, whose responsibilities include the configuration, monitoring and troubleshooting of Cisco Router networks.

Prerequisites

This course assumes that the student has a working knowledge of the Console port connection and the Cisco IOS (Intranet Operating System) commands and their proper usage. This course also assumes that the student has attended a TCP/IP and Advanced TCP/IP course.